

2013 Consumer & Commercial Products Survey

Public Workshop

May 21, 2014



California Environmental Protection Agency
Air Resources Board

Workshop Agenda

- ☐ Background
- ☐ 2013 Survey Overview
- ☐ Proposed Data Requirements
- ☐ Survey Database Overview
- ☐ Proposed Next Steps

BACKGROUND

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Background

- ❑ Consumer Products
 - Chemically formulated
 - Used by household and institutional consumers
 - Include household, home and garden, personal care, aerosol paint, automotive maintenance products, etc.
 - Used by industrial consumers if
 - Designed for use in the maintenance or operation (cleaning, etc.)
 - Not used exclusively for manufacture or construction of goods or commodities



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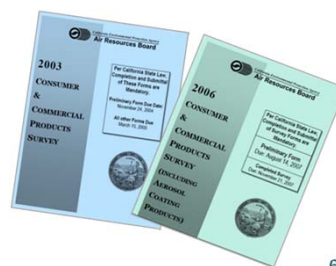
State Implementation Plan (SIP)

- ❑ State Implementation Plan (SIP)
 - U.S. EPA set an 8-hour ozone standard of 0.075 ppm in 2008
 - Expect to submit new SIP for the 8-hour ozone standard in 2016
- ❑ Volatile Organic Compound (VOC) reductions are needed to attain ozone air quality standards
 - Includes Consumer Products

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Surveys of the Industry

- ❑ Used to:
 - Guide regulatory development
 - Define categories
 - Build emissions inventory
- ❑ By Collecting:
 - Sales
 - Product ingredients
 - Economic information



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Surveys of the Industry (Cont.)

- ❑ Past Consumer & Commercial Products Surveys:
 - 1994/1995
 - 1997
 - 2001
 - 2003
 - 2006
- ❑ Survey Updates or Technical Assessments:
 - For specific product categories
 - Latest: 2010 Survey Update for Aerosol Coating and Aerosol Adhesive Products
- ❑ Comprehensive survey has not been completed for 10 years

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2013 Consumer & Commercial Products Survey (2013 Survey) Overview

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2013 Survey Purpose and Goals

- ❑ Gather current information on volatile organic compound (VOC) and low vapor pressure-VOC (LVP-VOC) emissions from consumer and commercial products
- ❑ Update consumer products emissions inventory
- ❑ Evaluate the feasibility of further reducing VOC emissions
- ❑ Evaluate the use of LVP-VOCs in consumer products

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Regulatory Authority

- ❑ The completion of the survey is mandatory
 - Antiperspirants and Deodorants Regulation (title 17, California Code of Regulations (CCR), section 94504(b))
 - Consumer Products Regulation (title 17, CCR, section 94513)
 - Aerosol Coating Products Regulation (title 17, CCR, section 94524(c))

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Proposed Data Requirements

- ❑ Reporting sales and formulation data for three consecutive years
 - 2013 sales and detailed formulation of all products
 - 2014 and 2015 sales data; formulation only if product formula changed
 - Aerosol Coating Products
 - 2013 and 2014 sales data only
 - 2015 sales and detailed formulations data

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Proposed Data Requirements (Cont.)

- ❑ Reporting ALL products per their stock keeping unit (SKU)
- ❑ Product formulation to be reported once if:
 - Products within the same category differ only by size
 - Ingredients variation is less than 0.1 percent by weight
- ❑ One representative label to be submitted for products that differ by size only
- ❑ A unique product formulation should be reported for each difference in color, botanical/herbal extract, or fragrance

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Proposed Data Requirements (Cont.)

- ❑ Reporting of each ingredient present in an amount nearest to 0.1 percent by weight
 - Most current formula to be reported if multiple formulas used during the calendar year 2013
 - Ingredients from the most representative vendor if different vendors used
- ❑ Products containing low or no VOCs must be also reported

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Proposed 2013 Survey Categories (per Product Sector)

- ❑ 10000 ADHESIVES, SEALANTS, AND RELATED PRODUCTS
- ❑ 20000 HOUSEHOLD AND INSTITUTIONAL PRODUCTS
- ❑ 30000 PERSONAL CARE PRODUCTS
- ❑ 40000 PESTICIDE PRODUCTS
- ❑ 60000 SOLVENT AND THINNING-RELATED
- ❑ 70000 VEHICLE AND MARINE VESSEL AFTERMARKET PRODUCTS
- ❑ 80000 AEROSOL COATING PRODUCTS

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2013 Consumer Products Reporting Tool Overview

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Overview

- ❑ Two approaches
 - Enter all information interactively
 - Microsoft Access Data Entry
 - Based on previous survey forms
 - Data check for completeness
 - Import product and formulation data from an external data source
 - Excel files

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Tool Structure

- ❑ Responsible Party Information
 - To be submitted once for each responsible party
- ❑ Product Information to be reported by Responsible Party
- ❑ Ingredient Information
 - By Responsible Party if has all ingredient information
 - By Formulator if Responsible Party does not have this information
 - Responsible party to provide the Product Name and the Product ID
 - Formulator to provide Ingredient Information.

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2013 Survey Data Entry

The screenshot shows a web application interface titled "Main Switchboard" in the top left corner. The main header area features the California Environmental Protection Agency logo and the text "Air Resources Board", "2013 Consumer and Commercial Products Survey", and "Consumer Products Due By XX/XX/2014". Below this is a "Main Menu" section with a vertical line separating two columns of buttons. The left column contains "Enter/Import Data", "View Data", and "Label Instructions". The right column contains "Submit/Export Data", "Check Data", and "Survey Instructions". At the bottom center is an "Exit" button. A note at the bottom states: "Note: You may need to adjust your computer's resolution to best view and use this database. For additional information please visit:".

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Enter/Import Menu

Enter/Import Menu

Enter Responsible Party

Enter Formulator

Enter Fragrance Formulator

Enter Product and Formulation

Assign Product Fragrance

Assign Products to Formulators

Assign products to fragrances is activate only if you have fragrance formulator(s) and product(s) previously entered.

Assign products to a formulator activated only if you have formulator(s) and product(s) previously entered.

Import Products

Import Formulations

Back to Main Menu

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Reporting Tool Discussion Items

- ❑ Confidential data
 - Data upload security
 - Staff evaluation
- ❑ Labels
 - What is a representative label?
 - Submission method
- ❑ Post-2013 data reporting
 - Data submittal
 - Tracking products

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Contacts

❑ Staff lead

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Contacts per Product Sector

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❑ 80000 AEROSOL COATING PRODUCTS

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Proposed Next Steps

- ❑ Comments on Survey June 13, 2014
 - Send to csmrprod@arb.ca.gov
- ❑ Public Webinar ~July 1, 2014
- ❑ Survey Release ~August 1, 2014
- ❑ Surveys due to ARB Late 2014